# EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 0 | "6563425".pn. "6292652".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/07/12 10:04 |
| L2 | 1 | (("6563425".pn.") or ("6292652".pn.")).PN. | US-PGPUB; USPAT | OR | OFF | 2010/07/12 10:04 |
| L3 | 1 | "20020021208" | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2010/07/12 10:05 |
| L4 | 38 | ("5379455" \| "5600333" \| "6107910" \| "6137403" \| "6223990" \| "6278413" \| "6359444").PN. OR ("6563425").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/07/12 10:25 |
| L5 | 1 | "4656463".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/07/12 10:34 |
| L6 | 291 | ("3376547" \| "3541309" \| "4262284" \| "4285236" \| "4333072" \| "4388524" \| "4466125" \| "4510495").PN. OR ("4656463").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/07/12 10:35 |
| L7 | 46 | 6 and (repeater or relay) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/07/12 10:35 |
| L8 | 22 | "487284" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/07/12 10:46 |
| L36 | 1 | (US-20090219138-$).did. | US-PGPUB | ADJ | ON | 2010/07/12 11:36 |
| L37 | 0 | 36 and (order of magnitude) | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2010/07/12 11:37 |

| L38 | 1 | 36 and (order near4 magnitude) | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2010/07/12 11:38 |
|-----|---|---|---|---|---|---|
| L39 | 19 | (rfid and repeater).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2010/07/12 11:47 |
| L40 | 3 | ("20050275531" \| "20070171073" \| "7088229"). PN. OR ("7741970").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/07/12 11:50 |
| L41 | 188 | extend$3 near5 range near5 reader | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2010/07/12 12:45 |
| L42 | 77 | 41 and rfid | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2010/07/12 12:45 |
| L43 | 1 | "733786".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2010/07/12 12:53 |
| L44 | 1 | "10944915" | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2010/07/12 12:53 |
| L45 | 12 | ("20030181229" \| "20040132406" \| "20040198233" \| "20040203478" \| "20050170784" \| "20050186902" \| "20050242957" \| "20060009251" \| "6307517" \| "6574454" \| "7050007").PN. OR ("7333786"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/07/12 12:54 |
| L46 | 2 | "3098971".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/07/12 12:59 |

| L47 | 9 | US-4481428-$.DID. OR US-4727360-$.DID. OR US-5252962-$.DID. OR US-5485154-$.DID. OR US-2288952-$.DID. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/07/12 13:34 |
| S1 | 327 | Forster$3lan$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 09:16 |
| S2 | 740414 | (reader or interrogator or scanner) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 09:17 |
| S3 | 1861268 | rfid or eas or eid or tag or transponder | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 09:18 |
| S4 | 1861453 | rfid or eas or eid or tag or transponder or (smart near label) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 09:19 |
| S5 | 4912 | (first or second) with radiation near3 frequency | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 09:24 |

| S6 | 2818 | (first or second) with loop near3 antenna | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 09:25 |
|----|------|-------------------------------------------|---------------------------------------------------|-----|-----|-------------------|
| S7 | 264235 | (field near effect transistor) or FET or BJT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 09:26 |
| S8 | 137588 | amplitude with (modulat$3 or demodulat$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 09:28 |
| S12 | 1 | S1 and ((reader or interrogator or scanner) and (rfid or eas or eid or tag or transponder or (smart near label)) and (FET or (field near effect near transistor))).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 09:34 |
| S13 | 11 | "2284323" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 09:37 |
| S15 | 3368 | 340/10.1,825.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 11:50 |

| S16 | 740414 | (reader or interrogator or scanner) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 11:51 |
| S17 | 82 | S15 and (S16 near3 interfac$3 near3 (device or apparatus or system)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 11:51 |
| S18 | 983 | (low frequency) same (high frequency) same S16 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 12:08 |
| S19 | 65 | S18 and S15 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 12:08 |
| S20 | 529 | (low frequency) with (high frequency) with interfac $3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 12:12 |
| S21 | 8 | S15 and S20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 12:12 |

| S22 | 82 | reader near3 interfacing near3 device | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 12:18 |
| S23 | 39 | low near3 high near3 frequency near3 conversion near3 (device or apparatus or system) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 12:21 |
| S24 | 5 | S23 and S16 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 12:21 |
| S25 | 10 | "2421695" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 14:23 |
| S26 | 670 | ISO near2 "15693" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 14:36 |
| S27 | 449 | rfid and S26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 14:36 |

| S28 | 247 | smart near3 tag near3 (reader or interrogator or scanner) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 15:17 |
| S29 | 75 | S28 and microwave | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 15:20 |
| S30 | 23 | S29 and modulator and demodulator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 15:22 |
| S31 | 327 | Forster$3lan$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 15:27 |
| S32 | 243 | S31 and (rfid or eas or eid) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 15:27 |
| S33 | 213 | S32 and (interrogator or scanner or reader) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 15:27 |

| S34 | 19 | S33 and microwave | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 15:27 |
| S35 | 40 | S31 and microwave | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 15:29 |
| S36 | 3368 | 340/10.1,825.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 15:38 |
| S37 | 48 | S36 and ((long or far) near3 range near3 (system or apparatus or device)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 15:38 |
| S38 | 27 | (ISO near2 "15693") and (smart near2 tag) | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 16:07 |
| S39 | 740414 | (reader or interrogator or scanner) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 16:11 |

| S40 | 1861453 | rfid or eas or eid or tag or transponder or (smart near label) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 16:11 |
|-----|---------|---------------------------------------------------------------|----------------------------------------------------|-----|----|------------------|
| S41 | 86153 | S39 and S40 | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 16:11 |
| S42 | 1159 | S41 and (patch near3 antenna) | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 16:13 |
| S43 | 379 | S42 and (loop near3 antenna) | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 16:14 |
| S44 | 2 | S43 and (amplitude near3 demodulator) | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 16:14 |
| S45 | 3 | (low near3 frequency) convert$4 system | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 16:18 |
| S46 | 4 | (reader or scanner or interrogator) with interfac$4 with (device or system or (apparatus)) same "13.56" same "2.45" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 16:21 |
| S47 | 1933 | low with high with frequency same (reader or scanner or interrogator) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 16:26 |

| S48 | 4675 | 340/572.1.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 16:34 |
|---|---|---|---|---|---|---|
| S49 | 4223 | MHz same GHz same conver$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 16:34 |
| S50 | 19 | S48 and S49 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 16:35 |
| S51 | 2057 | (reader or scanner or interrogator) with frequency with interfac$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 16:46 |
| S52 | 168 | (reader or scanner or interrogator) near3 frequency near3 interfac$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/04 16:47 |
| S53 | 132 | (reader or scanner or interrogator) near3 frequency near3 interfac$4 | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 16:48 |
| S54 | 107 | S53 and (rfid or tag or transponder) | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 16:48 |

| S55 | 34 | S54 and ((microwave or high) near3 frequenc$3) | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 16:49 |
|-----|----|-----|-----|-----|-----|-----|
| S56 | 32 | ((long near range) with (short near range)) same tag$4 near5 system | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 16:57 |
| S57 | 4 | "20020175805" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 13:37 |
| S58 | 6 | "6674365" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 13:37 |
| S59 | 2 | "20030229486" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 13:39 |
| S60 | 22 | "6330971" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 13:39 |
| S61 | 3 | "20050180465" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 13:42 |

| S62 | 3 | "20050258966" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 13:44 |
| S63 | 11 | "6804262" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 13:48 |
| S64 | 22 | "6330971" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 13:49 |
| S65 | 2 | "20030229486" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 13:50 |
| S66 | 2 | "20070096879" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 13:50 |
| S67 | 2 | "20070096876" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 13:51 |

| S68 | 10892 | 340/572.1,568.1,540,500,10.1,825.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 14:08 |
|-----|-------|------------------------------------------|----------------------------------------------------|-----|----|------------------|
| S69 | 94027 | (first near3 frequency) same (second near3 frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 14:09 |
| S70 | 623 | S68 and S69 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 14:09 |
| S71 | 432 | S70 and (reader or scanner or interrogator) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 14:11 |
| S72 | 414 | S71 and (tag or eas or eid or rfid) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 14:11 |
| S73 | 138 | S72 and (low near3 frequency) and (high near3 frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 14:12 |

| S74 | 94 | S73 and (interfac$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 14:13 |
|---|---|---|---|---|---|---|
| S75 | 9035 | S69 and (frequency near3 convers$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 15:45 |
| S76 | 1590 | S75 and ((low frequency) same (high frequency)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 15:46 |
| S77 | 553 | S76 and (power near3 supply) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 15:50 |
| S78 | 81 | S77 and (field effect transistor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 15:53 |
| S79 | 670 | (ISO near2 "15693") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 16:00 |

| S80 | 702 | (ISO near3 "15693") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 16:01 |
|-----|-----|---------------------|------|-----|----|------------------|
| S81 | 6 | (ISO near3 "15693") same (high near3 frequency same GHz) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 16:01 |
| S82 | 702 | (ISO near3 "15693") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 16:02 |
| S83 | 3 | "19831767" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 16:08 |
| S84 | 1 | 10002311C1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 16:10 |
| S85 | 7 | "6310581" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 16:13 |

| S86 | 2 | "5813348".PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 16:19 |
| S87 | 57 | S68 and (reader near5 interfacing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 16:44 |
| S88 | 374 | (multi$5 near5 protocol near5 conversion) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 16:55 |
| S89 | 27 | S88 and (scanner or reader or interrogator) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 16:57 |
| S90 | 8 | (first near3 frequency with "13.56") same (second near3 frequency with "2.45") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 17:00 |
| S91 | 94027 | (first near3 frequency) same (second near3 frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 17:03 |

| S92 | 22053 | S91 and (interfac$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 17:04 |
| S93 | 4536 | S91 and (order near5 magnitude) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 17:04 |
| S94 | 216 | S93 and (power near5 conversion) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 17:05 |
| S95 | 55 | S94 and (amplitude near3 modulat$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 17:06 |
| S96 | 46 | (dual near3 frequenc$3) near3 (reader or scanner or interrogator) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 17:11 |
| S97 | 150 | (dual near3 frequenc$3) with (reader or scanner or interrogator) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 17:11 |

| S98 | 9 | S97 and S68 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 17:11 |
| S99 | 71 | (dual near3 band) near5 (transponder or interrogator or tag or scanner or reader) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 17:16 |
| S100 | 7 | "6504636" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 17:32 |
| S101 | 3220 | (low near3 frequency) near5 (high near3 frequency) near5 conver$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 17:33 |
| S102 | 7 | S68 and S101 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/05 17:33 |
| S103 | 1 | 1209615A2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 09:52 |

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| S104 | 376 | (magnetic$4 near4 couple$4) and (modulat$4 near4 load) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 14:38 |
| S105 | 3 | S104 and ((FET or (field effect transistor)) with (connect$4 or couple$4 or attach$4) with antenna) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 14:40 |
| S106 | 106 | S104 and (FET or (field effect transistor)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 14:41 |
| S107 | 10912 | 340/572.1,568.1,540,500,10.1,825.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 14:41 |
| S108 | 8 | S106 and S107 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 14:41 |
| S109 | 1 | S107 and (mutually near4 magnetical$4 near4 coupled) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 14:43 |

| S110 | 69322 | (inductiv$4 near4 coupl$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 15:09 |
|------|-------|----------------------------|---------------------------------------------------|-----|-----|------------------|
| S111 | 680 | S107 and S110 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 15:09 |
| S112 | 741071 | (reader or interrogator or scanner) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 15:09 |
| S113 | 529 | S112 and S111 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 15:09 |
| S114 | 66 | S113 and (FET or (field near3 effect near3 transistor)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 15:10 |
| S115 | 66 | S113 and (FET or (field effect transistor)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 15:12 |

| S116 | 938 | reflective near3 amplif$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 16:11 |
|------|-----|---------------------------|------|-----|-----|------|
| S117 | 52 | (FET or (field effect transistor)) and S116 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 16:43 |
| S118 | 2 | S116 and S107 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 16:53 |
| S119 | 3 | (FET or (field effect transistor)) same S116 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 16:53 |
| S120 | 1 | (US-5055835-$).did. | USPAT | ADJ | ON | 2009/08/06 16:56 |
| S121 | 1 | S120 and ((field effect transistor) or MOSFET or FET) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 16:59 |

| S122 | 2 | "5963144".PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 17:00 |
| S123 | 1 | (US-5963144-$).did. | USPAT | ADJ | ON | 2009/08/06 17:01 |
| S124 | 1 | (FET or (field effect transistor) or MOSFET) and S123 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 17:01 |
| S125 | 7 | (FET or (field effect transistor) or MOSFET) same (variable near3 load) same antenna | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 17:03 |
| S126 | 1515 | reflective near5 amplif$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 17:10 |
| S127 | 52 | S126 and S117 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 17:10 |

| S128 | 67 | ((field effect transistor) or MOSFET or FET) with antenna with load | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 17:22 |
|------|------|------|------|------|------|------|
| S129 | 2 | refect$5 near3 amplifier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 17:49 |
| S130 | 5 | refect$5 near3 amplif$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 17:51 |
| S131 | 12017 | reflect$5 near3 amplif$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 17:51 |
| S132 | 1798 | reflection near3 amplifier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 17:51 |
| S133 | 2 | S132 and rfid | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 17:52 |

| S134 | 330 | S132 and antenna | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 17:52 |
| S135 | 103 | S134 and (mosfet or fet or (field effect transistor)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/06 17:53 |
| S136 | 8 | "4167681" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/12 09:24 |
| S137 | 169 | amplitude near3 demodulator with first near3 signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/12 12:15 |
| S138 | 23211 | modulator same carrier near4 signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/12 12:17 |
| S139 | 0 | S137 and S138 and heterodyne near3 mixing | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/12 12:18 |

| S140 | 56 | S137 and S138 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/12 12:18 |
|------|------|------|------|------|------|------|
| S141 | 10928 | 340/572.1,568.1,540,500,10.1,825.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/12 13:33 |
| S142 | 64 | heterodyne and S141 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/12 13:33 |
| S143 | 61 | heterodyne and S141 | US-PGPUB; USPAT | ADJ | ON | 2009/08/12 13:33 |
| S144 | 1 | (US-6107910-$).did. | USPAT | ADJ | ON | 2009/08/12 13:57 |
| S145 | 1 | S144 and (amplitude near4 demodulator) | US-PGPUB; USPAT | ADJ | ON | 2009/08/12 13:58 |
| S146 | 10 | heterodyne and (amplitude with demodulator) and S141 | US-PGPUB; USPAT | ADJ | ON | 2009/08/12 14:05 |
| S147 | 4 | demodulator and (modulate with carrier near4 signal) same interrogat$4 tag | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/12 15:35 |

| S148 | 12 | "2304947" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/12 16:59 |
|------|------|-----------|----------------------------------------------------|------|------|------------------|
| S149 | 3172 | 340/10.1.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/10 17:47 |
| S150 | 176916 | second near3 frequency | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/10 17:48 |
| S151 | 493 | S149 and S150 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/10 17:48 |
| S152 | 352 | S151 and rfid | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/10 17:48 |
| S153 | 95048 | (mobile wireless) near3 (reader scanner interrogator interface) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/10 17:49 |

| S154 | 682 | S149 and S153 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/10 17:49 |
|---|---|---|---|---|---|---|
| S155 | 80 | ("4739328" \| "5030807" \| "5382784" \| "6246326" \| "6318636" \| "6415978" \| "6523752" \| "6545605").PN. OR ("6677852").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/10 18:00 |
| S156 | 257 | S149 and (reader near3 interface) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/10 19:32 |
| S157 | 114 | S149 and (rfid near2 reader near3 interface) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/10 19:36 |
| S158 | 78 | S149 and (rfid near2 reader near2 interface) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/10 19:36 |
| S159 | 0 | daul near3 band near3 transponder | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/10 19:54 |
| S160 | 47 | dual near3 band near3 transponder | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/10 19:54 |

| S161 | 152960 | (low near3 frequency) same (high near3 frequency) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/10 20:22 |
|------|--------|---|---|---|---|---|
| S162 | 284 | S149 and S161 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/10 20:22 |
| S163 | 236 | S162 and rfid | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/10 20:22 |
| S164 | 79 | (rfid near3 (reader scanner interrogator) near3 interfac$4).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/10 20:24 |
| S165 | 280 | ((IAN) near2 (FORSTER)).INV. | US-PGPUB; USPAT | OR | ON | 2010/04/10 20:41 |
| S166 | 0 | ((Bernhard) near2 (Obrist)).INV. | US-PGPUB; USPAT | OR | ON | 2010/04/10 20:46 |
| S167 | 0 | ((Hegnaner) near2 (Stefan)).INV. | US-PGPUB; USPAT | OR | ON | 2010/04/10 20:46 |
| S168 | 5714 | (second near3 frequency) same (scanner interrogator reader interface) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/10 21:09 |

| S169 | 207 | S149 and S168 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/10 21:09 |
|------|-----|---------------|------|----|----|------|
| S170 | 396 | ("340"/$.ccls.) and (rfid near3 (reader interrogator scanner) near3 interface) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/10 21:11 |
| S171 | 98 | S170 and (second near3 frequency) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/10 21:12 |
| S172 | 1219 | 455/7,20,21.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 15:50 |
| S173 | 791999 | (reader scanner interrogator) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 15:50 |
| S174 | 60 | S172 and S173 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 15:50 |
| S175 | 338829 | (second near7 frequency) (second near7 protocol) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 15:54 |

| S176 | 34 | S174 and S175 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 15:55 |
| S177 | 360 | S172 and (second near7 frequency) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 16:00 |
| S178 | 39 | S177 and (tag transponder) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 16:01 |
| S179 | 235 | 455/23.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 16:09 |
| S180 | 9 | S173 and S179 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 16:09 |
| S181 | 21 | S179 and (transponder tag eas eid rfid) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 16:11 |
| S182 | 958 | 455/130,131.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 16:13 |

| S183 | 21 | S181 and (rfid eid eas tag transponder) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 16:14 |
|---|---|---|---|---|---|---|
| S184 | 48 | S182 and (rfid eid eas tag transponder) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 16:14 |
| S185 | 22 | 340/825.66$.ccls. and (rfid eid eas tag transponder) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 16:25 |
| S186 | 162 | 340/825.66$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 16:25 |
| S187 | 2 | S186 and (second near7 frequency) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 16:26 |
| S188 | 3858 | 340/10.1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 16:26 |
| S189 | 3174 | 340/10.1$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 16:27 |

| S190 | 677 | S189 and (second near7 frequency) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 16:27 |
| S191 | 612 | S190 and (tag transponder) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 16:27 |
| S192 | 378 | S191 and (translat$4 conver$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 16:28 |
| S193 | 47 | ("5640386" \| "5732076" \| "5878343").PN. OR ("6404775").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/13 16:32 |
| S194 | 8 | ("20020103001" \| "5634191" \| "5815795" \| "6088592" \| "6404775").PN. OR ("6748194"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/13 16:44 |
| S195 | 70 | compat$7 same (euro$3 US america universal) same ((up down) near4 conver$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/13 16:47 |
| S196 | 846 | 340/870.18.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/13 17:48 |

| S197 | 34 | S196 and (rfid tag transponder) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/13 17:49 |
|---|---|---|---|---|---|---|
| S198 | 5259 | 340/825,10.1-10.3,10.31-10.34.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 17:53 |
| S199 | 1047 | S198 and (second near7 frequency) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 17:53 |
| S200 | 909 | S199 and (rfid tag transponder eas eid label) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 17:53 |
| S201 | 674 | S200 and (modulat$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 17:54 |
| S202 | 174 | S201 and Mhz same Ghz | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 17:54 |

| S203 | 14 | S202 and (amplitude near5 (demodulat$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 17:56 |
|------|----|-------------------------------------------|-------------------------------------------------|----|----|-------------------|
| S204 | 8 | S202 and heterodyne | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/13 17:59 |
| S205 | 11 | ("20030181229" \| "20040132406" \| "20040198233" \| "20040203478" \| "20050170784" \| "20050186902" \| "20050242957" \| "20060009251" \| "6307517" \| "6574454" \| "7050007").PN. OR ("7333786"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/13 18:03 |
| S206 | 93 | ("20090219138" "20080189059" "20080068132" "20090213012" "20090295645" "20080190526" "5905372" "6342844" "20070250707" "20080204241" "20090093272" "20090189769" "6793127" "6853087" "7345645" "20020053735" "20020170952" "20050072595" "20060180647" "20070273507" "20080272195" "5982888" "6287765" "20090079541" "6284459" "6329139" "6340588" "6259991" "6424916" "6433671" "20080180248" "5757021" "5341140" "5448110" "5776278" "5779839" "6045652" "6078791" "6220516" "6220516" "6325294" "7420468" "20040267419" "20060187044" "20070205867" "20080308641" "5563948" "5861841" "5906004" "5933785" ).pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/14 10:15 |
| S207 | 78 | S206 and (tag label rfid eas eid transponder) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/14 11:15 |

| S208 | 34 | S207 and (modulator modulation demodulat$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/14 11:15 |
| S209 | 12 | S206 and (second near4 frequency) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/14 11:19 |
| S210 | 11 | ("20030181229" \| "20040132406" \| "20040198233" \| "20040203478" \| "20050170784" \| "20050186902" \| "20050242957" \| "20060009251" \| "6307517" \| "6574454" \| "7050007").PN. OR ("7333786"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/14 13:16 |
| S211 | 3241 | (compatibility compatible incompatibility in $1compatibility) same (protocol frequenc$3) same (US (United adj2 State) Euro$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/14 14:22 |
| S212 | 740 | S211 and (tag transponder eas eid rfid label) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/14 14:22 |
| S213 | 126 | S212 and (second near4 frequenc$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/14 14:23 |

| S214 | 94 | S213 and (modulation modulator modulating) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/14 14:26 |
|------|------|------|------|------|------|------|
| S215 | 1178 | woolley.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/14 14:55 |
| S216 | 41 | S215 and (tag tranponder label rfid) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/14 14:56 |
| S217 | 281 | ((IAN) near2 (FORSTER)).INV. | US-PGPUB; USPAT | OR | ON | 2010/04/14 15:04 |
| S218 | 97 | S217 and (second near4 frequency) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/14 15:05 |
| S219 | 69 | rfid near4 repeater | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/14 15:48 |
| S220 | 94 | (rfid transponder) same frequency with (conver$4 with (relay repeat$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/14 17:22 |

| S221 | 96 | (rfid transponder) same frequency with (conver$4 with (relay$4 repeat$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/14 17:23 |
|------|-----|---------------------------------------------------------------------------|-------------------------------------------------|----|----|-------------------|
| S222 | 9 | ("3487310").URPN. | USPAT | OR | ON | 2010/04/14 18:01 |
| S223 | 794960 | (reader interrogator scanner) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/15 09:49 |
| S224 | 2000863 | rfid eas eid transponder tag (smart adj2 label) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/15 09:50 |
| S225 | 177286 | second near3 frequency | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/15 09:51 |
| S226 | 9540 | (amplitude peak) near4 (demodulator demodulation demodulate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/15 09:53 |

| S227 | 163 | S223 and S224 and S225 and S226 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/15 09:54 |
| S228 | 1 | S227 and ((carrier near3 signal) same (UHF microwave) near5 frequency) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/15 09:57 |
| S229 | 1 | S227 and ((carrier near3 signal) same (UHF microwave) same frequency) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/15 09:57 |
| S230 | 5 | S227 and ((carrier) same (UHF microwave) same frequency) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/15 09:57 |
| S231 | 13 | S227 and (heterodyne same mix$4 same receive $2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/15 09:59 |
| S232 | 3177 | 340/10.1.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/15 14:10 |

| S233 | 63 | S232 and (passive near3 tag).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/15 14:11 |
|---|---|---|---|---|---|---|
| S234 | 63 | (((semi near2 passive) semi$2passive) near3 (transponder tag)).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/15 14:16 |
| S235 | 16 | (((semi near2 passive) semi$2passive) near3 (transponder tag)).ti. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/15 14:18 |
| S236 | 25 | (((semi near2 passive) semi$2passive) near7 (transponder tag)).ti. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/15 14:21 |
| S237 | 9 | (NOT S235) and S236 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/15 14:21 |
| S238 | 131 | ((IAN) near2 (FORSTER)).INV. | USPAT | OR | ON | 2010/04/15 16:56 |
| S239 | 283 | ((IAN) near2 (FORSTER)).INV. | US-PGPUB; USPAT | OR | ON | 2010/04/15 16:56 |
| S240 | 14 | S239 and ((demodulator demodulation) same (modulator modulation)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/15 16:56 |

| S241 | 18 | S239 and ((demodulator demodulation demodulate) same (modulator modulate modulation)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/15 17:02 |
| S242 | 184 | (amplitude near4 (demodulator demodulation demodulate) near4 first near4 signal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/15 17:09 |
| S243 | 271 | (modulat$4) near4 (second adj3 frequency) with (demodulat$3) adj3 signal | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/15 17:11 |
| S244 | 1 | S243 and (demodulat$4 same heterodyne near4 second adj4 signal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/15 17:12 |
| S245 | 14 | S243 and (demodulat$4 same heterodyne) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2010/04/15 17:12 |
| S246 | 9 | US-4481428-$.DID. OR US-4727360-$.DID. OR US-5252962-$.DID. OR US-5485154-$.DID. OR US-2288952-$.DID. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/07/02 17:20 |
| S247 | 4120 | 340/825,10.1.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2010/07/02 17:27 |

| S249 | 174385 | (first near3 frequenc$4) or (first$2frequenc$4) | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2010/07/02 17:28 |
|------|--------|--------------------------------------------------|---------------------------------|-----|----|------------------|
| S250 | 165384 | (second near3 frequenc$4) or (second$2frequenc$4) | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2010/07/02 17:29 |
| S251 | 638246 | (reader or interrogator or scanner) | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2010/07/02 17:29 |
| S252 | 984576 | (eas or eid or rfid or tag or transponder or label) | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2010/07/02 17:30 |
| S253 | 105056 | S249 same4 S250 | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2010/07/02 17:30 |
| S254 | 2434 | (S251 same4 S252) and S253 | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2010/07/02 17:31 |
| S255 | 1 | S246 and S254 | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2010/07/02 17:31 |
| S256 | 672 | (S249 same S250 same4 S251 same S252) | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2010/07/02 17:33 |

| S257 | 12 | ("20030181229" \| "20040132406" \| "20040198233" \| "20040203478" \| "20050170784" \| "20050186902" \| "20050242957" \| "20060009251" \| "6307517" \| "6574454" \| "7050007").PN. OR ("7333786").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/07/02 17:38 |
| S258 | 7 | US-20060208899-$.DID. OR US-3405727-$.DID. OR US-20070222602-$.DID. OR US-20070205946-$.DID. OR WO-01024407-$.DID. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/07/02 17:42 |

7/12/2010 1:57:39 PM

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